

TOSHIBA

HEAT PUMPS

Think Toshiba. Think reliability.



Stylish New Design



Quiet

Comfort

Powerful

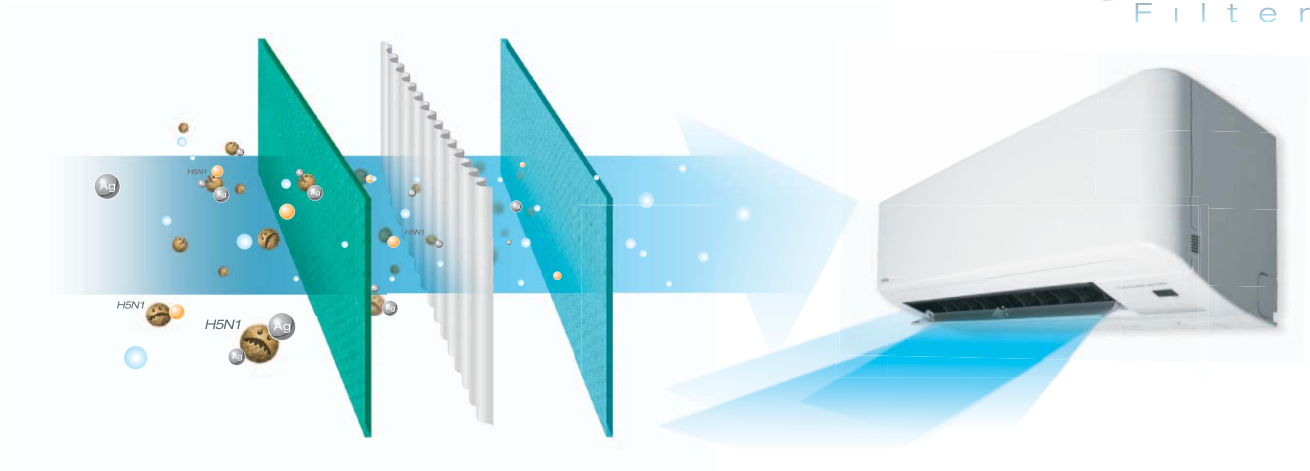
Energy
Saving

N3KV2

High performance and
total air purification

Everyone loves humanwarmth.co.nz

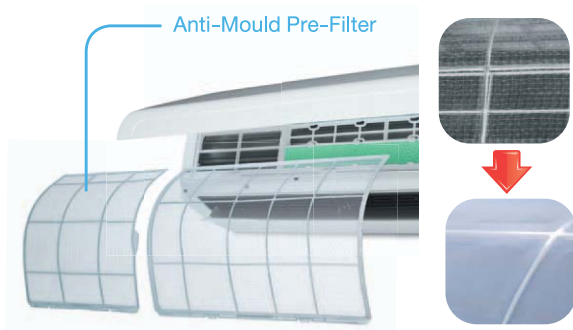
Technology for health through



Toshiba IAQ* filter

Toshiba IAQ's technology is able to seriously inhibit the reproductive ability of **harmful bacteria and viruses such as H5N1 Avian Influenza**. With Toshiba IAQ, your family can breathe easy and your house will look like as if it has been spring cleaned.

Anti-Mould Pre-Filter with high performance filter



Toshiba's high performance filter blocks out dust, thus you can ensure your room is kept fresh and clean.

Anti Bacteria and Anti Virus



- Anti bacteria* : destroys up to 99,9% of bacteria
- Deodorizing power : Absorbs and decomposes smoke, ammonia, volatile organics, food smells and bad odors
- Prevent mould formation : Inhibits the formation of mould and fungi



- Anti virus** : Avian Influenza virus (H5N1)

* Improve air hygiene by reducing the amount of bacteria and viruses. However, does not guarantee a sterilized room or protection against infection after using the filter.

* Korea Apparel Testing & Research Institute, BS05-00001771

**Betagro Science Center Co., Ltd., 900017366



Easy Cleaning

All you need to do is simply washing out the dirt with running water to clean the filter. Always keep your air clean, fresh with simple and easy care.



Key benefits

Stylish new design with flexibility of wireless or wired controller



Indoor unit

Wired connectable remote controller

- Easy to use remote controller with a slide in flap helps to hide buttons which are not frequently used.
- Remote controller can be used as an Infrared or as a wired controller giving flexibility of mounting
- No functions are lost whether used as wired or wireless
- Wall mounting of remote especially in commercial situations helps remote from being misplaced
- Wired controller options is also ideal where wireless signal is prohibited to avoid radio signal interference
- Ideal for use in both residential and commercial applications such as hospitals, hotels, schools and office buildings

**Interconnecting cable for wiring not supplied*



Control wire



Remote controller



High efficiency, courtesy of the DC Hybrid Inverter compressor

Fast active filtration and purification

Supersilent

Technical specifications heat pump

Indoor unit			RAS-10N3KV2-A	RAS-13N3KV2-A	RAS-16N3KV2-A	RAS-18N3KV2-A	RAS-22N3KV2-A	RAS-24N3KV2-A
Outdoor unit			RAS-10N3AV2-A	RAS-13N3AV2-A	RAS-16N3AV2-A	RAS-18N3AV2-A	RAS-22N3AV2-A	RAS-24N3AV2-A
Cooling capacity	kW		2.50	3.40	4.40	5.00	6.00	7.10
Cooling range (min. – max.)	kW		1.10-3.10	2.00-4.10	0.80-5.00	1.10-6.00	1.20-6.70	1.50-7.70
Power input (min. – rated – max.)	kW	C	0.25-0.598-0.82	0.49-0.92-1.30	0.15-1.34-1.72	0.18-1.42-2.00	0.20-1.83-2.65	0.30-2.25-2.90
EER	W/W		4.18	3.70	3.28	3.52	3.28	3.16
Energy Star Rating		C	★★★	★★★	★★	★★	★★	★★
Heating capacity	kW		3.20	4.20	5.30	5.80	7.00	8.10
Heating range (min. – max.)	kW		0.90-4.80	1.80-5.60	0.90-6.30	0.80-6.30	1.00-7.50	1.60-9.00
Power input (min. – rated – max.)	kW	H	0.17-0.75-1.40	0.38-1.12-1.69	0.15-1.50-1.98	0.14-1.56-1.70	0.18-1.98-2.21	0.30-2.45-3.30
COP	W/W		4.27	3.75	3.53	3.72	3.54	3.31
Energy Star Rating		H	★★★	★★★	★★	★★★	★★	★★
Indoor unit			RAS-10N3KV2-A	RAS-13N3KV2-A	RAS-16N3KV2-A	RAS-18N3KV2-A	RAS-22N3KV2-A	RAS-24N3KV2-A
Air flow (max.)	m ³ /h – l/s	C	516-143	624-173	684-190	954-265	1098-305	1008-280
Sound pressure level (low/med/high)	dB(A)	C	26/33/39	30/40/45	32/42/47	32/38/44	35/41/47	36/41/45
Air flow (max)	m ³ /h – l/s	H	570-158	624-173	738-205	990-275	1152-320	1080-300
Sound pressure level (low/med/high)	dB(A)	H	28/34/39	31/40/45	33/43/48	32/39/44	35/42/47	36/41/45
Dimensions (h x w x d)	mm		275x790x225	275x790x225	275x790x225	320x1050x243	320x1050x243	320x1050x243
Weight	kg		10	10	10	13	13	13
Outdoor unit			RAS-10N3AV2-A	RAS-13N3AV2-A	RAS-16N3AV2-A	RAS-18N3AV2-A	RAS-22N3AV2-A	RAS-24N3AV2-A
Air flow	m ³ /h – l/s	C	1800-500	2250-625	2040-567	2178-605	2520-700	2880-800
Sound pressure level	dB(A)	C	46	49	51	49	53	52
Sound power level	dB(A)	C	61	64	66	64	68	65
Operating range	°C	C	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46
Sound pressure level	dB(A)	H	46	49	51	49	53	52
Sound power level	dB(A)	H	61	64	66	64	68	65
Operating range	°C	H	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24
Dimensions (h x w x d)	mm		550x780x290	550x780x290	550x780x290	550x780x290	630x800x300	890x900x320
Weight	kg		33	37	38	41	43	65
Compressor type			DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections - gas	in		3/8	3/8	1/2	1/2	1/2	5/8
Flare connections - liquid	in		1/4	1/4	1/4	1/4	1/4	3/8
Minimum pipe length	m		2	2	2	5	5	5
Maximum pipe length	m		20	20	20	20	20	30
Maximum height difference	m		10	10	10	10	10	20
Chargeless pipe length	m		15	15	15	15	15	20
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Electrical connection to			Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Interconnecting wires - no.			4	4	4	4	4	4

C = cooling mode
H = heating mode



Notice: Toshiba is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications subject to change without prior notice.

Note: All images provided in this catalogue are used for illustration purposes only.

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Equipment rated in accordance with MEPS AS/NZS 3283.2:2011

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